

# Converting Colors

YUV(117.6520, -1.8004,  
64.3262)

Have a look what the booklet for  
YUV(117.6520, -1.8004, 64.3262)  
contains.

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# Color

**YUV(117.6520, -1.8004,  
64.3262)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BF5172
RGB	191, 81, 114
RGB Percent	75%, 32%, 45%
CMY	0.2510, 0.6824, 0.5529
CMYK	0.00, 0.58, 0.40, 0.25
HSL	342°, 46%, 53%
HSV	342°, 58%, 75%
XYZ	27.4655, 18.1761, 17.9803
YIQ	117.6520, 54.9670, 33.5830

# Conversions

## Conversions Part 2

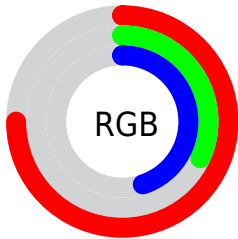
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	191, 81, 114
Decimal	12538226
CIE <sub>Lab</sub>	49.71, 47.33, 3.57
CIE <sub>LCh</sub>	50, 47.468, 4.308
Yxy	18.1761, 0.4317, 0.2857
Android (android.graphics.Color)	4290728306 (0xFFBF5172)
YUV	117.6520, -1.8004, 64.3262
Hunter-Lab	42.6335, 40.3856, 4.8383

# Details

The YUV color **117.6520, -1.8004, 64.3262** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **154.3480, 1.8004, -64.3262**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.3320, -3.1217, 68.1148**, and **62.2650, 1.8414, 62.9116** is the 20% darker color. If you saturate the color by 10%, you get **105.0170, -1.9804, 75.4071**, and if you desaturate by 10%, it is **130.2870, -1.6205, 53.2453**.

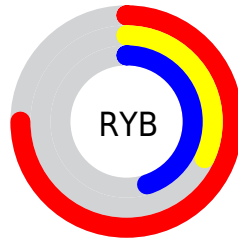
# Distribution



Red (75%)

Green (32%)

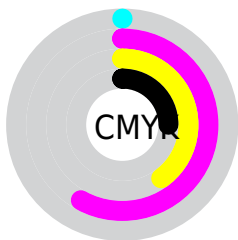
Blue (45%)



Red (75%)

Yellow (32%)

Blue (45%)

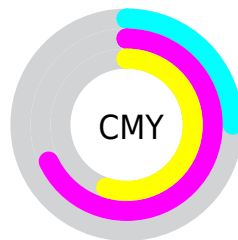


Cyan (0%)

Magenta (58%)

Yellow (40%)

Black (25%)



Cyan (25%)

Magenta (68%)


Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 117.6520, -1.8004, 64.3262 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 117.6520, -1.8004, 64.3262 by changing the saturation by 10% instead.




 117.6520, -1.8004,  
64.3262


 117.6520, -1.8004,  
64.3262


255.0000, 0.0000,  
0.0000


 90.3960, -0.1952,  
62.7967


 172.3320, -3.1217,  
68.1148


 62.2650, 1.8414,  
62.9116


 193.3410, -0.1681,  
54.0749


 36.7100, 3.5940,  
60.7673


 212.9690, 3.9593,  
36.8612

 26.0580, -1.0146,  
45.5531

 232.5970, 8.0867,  
19.6474

 16.3740, -7.0864,  
32.9980

 250.8910, 2.0257,  
3.6036

 2.3920, -1.1793,  
4.9182

 0.0000, 0.0000,

0.0000

■ 117.6520, -1.8004,  
64.3262

■ 117.6520, -1.8004,  
64.3262

■ 105.0170, -1.9804,  
75.4071

■ 130.2870, -1.6205,  
53.2453

■ 92.2680, -2.5971,  
86.5880

■ 143.0360, -1.0037,  
42.0644

■ 79.6330, -2.7771,  
97.6689

■ 155.6710, -0.8238,  
30.9835

■ 66.9980, -2.9570,  
108.7498

■ 168.3060, -0.6439,  
19.9026

■ 63.6070, -3.2573,  
111.7237

■ 181.6420, -0.3165,  
8.2070

■ 194.2770, -0.1366,  
-2.8739

■ 207.0260, 0.4802,  
-14.0548

■ 219.6610, 0.6601,  
-25.1357

■ 232.2960, 0.8401,  
-36.2166

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



121.2270, 16.1571, 44.5279



117.6520, -1.8004, 64.3262



116.4180, -20.4191, 62.7774

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



117.6520, -1.8004, 64.3262



108.8880, -30.5108, -13.9338



99.1440, 44.7920, -86.9493

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



117.6520, -1.8004, 64.3262



154.3480, 1.8004, -64.3262

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



99.0010, 31.5515, -86.8239



117.6520, -1.8004, 64.3262



95.7690, -6.7881, -62.9414

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



117.6520, -1.8004, 64.3262



112.8660, -40.3599, 18.5345



95.0280, 13.7902, -83.3396



105.3740, 46.1576, -58.2100



# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



117.6520, -1.8004, 64.3262



116.1920, -31.1537, 52.4516



95.0280, 13.7902, -83.3396



99.5200, 41.1556, -87.2790

# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



117.6520, -1.8004, 64.3262



219.0400, -0.5127, 24.5209



116.5630, 36.6974, 36.3402



108.2730, -0.6276, 14.6696



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



117.6520, -1.8004, 64.3262



133.6440, -2.7825, 99.4132



126.8040, -22.5814, 56.2999



88.0330, -0.0163, 5.2331



52.6000, -2.7608, 92.4358



10.2950, -0.6384, 18.1583



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



117.6520, -1.8004, 64.3262



133.6440, -2.7825, 99.4132



145.1960, 22.5814, -56.2999



88.0330, -0.0163, 5.2331



52.6000, -2.7608, 92.4358



10.2950, -0.6384, 18.1583



# Previews

## White Background



This preview shows how the YUV color 117.6520, -1.8004, 64.3262 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 117.6520, -1.8004, 64.3262 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

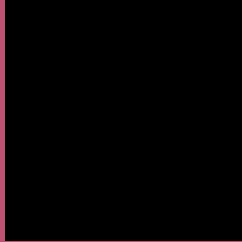
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 117.6520, -1.8004, 64.3262

## Background



This preview shows how black text looks on a background with the YUV color 117.6520, -1.8004, 64.3262.



This preview shows how white text looks on a background with the YUV color 117.6520, -1.8004,



# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

117.6520, -1.8004, 64.3262

### Protanopia

119.4540, 8.1572, -3.0292

### Deuteranopia

119.9970, -5.4215, 12.2806



## Tritanopia

116.7800, -12.7095, 63.3369

# Trichromacy



## Original Color

117.6520, -1.8004, 64.3262

## Protanomaly

118.9840, 4.4449, 21.0620

## Deuteranomaly

119.4600, -4.1708, 31.1686

## Tritanomaly

117.4040, -9.0732, 63.6667

# Monochromacy



## Original Color

117.6520, -1.8004, 64.3262

## Achromatopsia

118.0000, 0.0000, 0.0000

## Achromatomaly

118.3280, -0.6547, 23.3913

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 117.6520, -1.8004, 64.3262 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(191, 81, 114)` looks like.

```
.text, #text, p{  
    color:rgb(191, 81, 114)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(191, 81, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 81, 114) }
```

## Border

The CSS property to change the border of an element to YUV 117.6520, -1.8004, 64.3262 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(191, 81, 114) }
```



If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(191, 81, 114) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(191, 81, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 81, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 81, 114);  
box-shadow:4px 4px 4px 4px rgb(191, 81,  
114) }
```

# Background

The CSS property to change the background color of an element to YUV 117.6520, -1.8004, 64.3262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 81, 114) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(191, 81,  
114) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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